

Customer No.: 31561  
Application No.: 10/711,378  
Docket No.: 13816-US-PA

AMENDMENT

To the Claims:

1. (currently amended) A mechanism for compressing chips, comprising:  
  
a loading component;  
  
a head component disposed under the loading component, ~~with a gap in between~~ wherein  
the head component has a heating plate therein, and a gap is existed between the loading  
component and the head component; and  
  
a gimbal disposed between the loading component and the head component to support the  
gap therebetween.
2. (original) The mechanism for compressing chips of claim 1, wherein the head  
component has a groove and the bottom of the loading component is partially inset into the  
groove.
3. (currently amended) The mechanism for compressing chips of claim 2, wherein the  
head component comprises:  
  
a first gasket having a contact ~~point~~ part with the gimbal; and  
  
a ring piece fixed on the first gasket, wherein the ring piece has a hollow portion such that  
the groove is existed between the ring piece and the first gasket ~~the inner edge of the ring piece~~  
~~and the first gasket consist a groove.~~
4. (original) The mechanism for compressing chips of claim 3, wherein the upper surface  
of the first gasket has a first notch, where the gimbal is disposed.

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5. (currently amended) The mechanism for compressing chips of claim 3, wherein ~~the head component further comprises a~~ the heating plate is fixed under the bottom surface of the first gasket.

6. (currently amended) The mechanism for compressing chips of claim 5, wherein the head component further comprises a second gasket fixed ~~under~~ below the heating plate, ~~which is~~ such that the heating plate is placed between the first gasket and the second gasket.

7. (original) The mechanism for compressing chips of claim 6; wherein the head component further comprises at least one fixing piece joining the ring piece, the first gasket, the heating plate and the second gasket.

8. (original) The mechanism for compressing chips of claim 7, wherein the fixing piece comprises a screw.

9. (original) The mechanism for compressing chips of claim 1, wherein the bottom surface of the loading component has a second notch, where the gimbal is disposed.

10. (withdrawn) The mechanism for compressing chips of claim 1, further comprising a plurality of fixing pieces running through the loading component and nailing down the head component, wherein the fixing pieces can slide correlatively to the loading component.

11. (withdrawn) The mechanism for compressing chips of claim 10, wherein the fixing pieces comprise screws.

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12. (withdrawn) The mechanism for compressing chips of claim 10, further comprising a plurality of elastic joints placed on parts of the fixing pieces that are exposed outside the loading component and the head component.

13. (withdrawn) The mechanism for compressing chips of claim 12, wherein the elastic joints comprise springs.

14. (withdrawn) The mechanism for compressing chips of claim 10, wherein the head component comprises a first gasket having a contact point with the gimbal.

15. (withdrawn) The mechanism for compressing chips of claim 14, wherein the upper surface of the first gasket has a first notch, where the gimbal is disposed.

16. (withdrawn) The mechanism for compressing chips of claim 14, wherein the head component further comprises a heating plate fixed under the bottom surface of the first gasket.

17. (withdrawn) The mechanism for compressing chips of claim 16, wherein the head component further comprises a second gasket fixed under the heating plate, which is placed between the first gasket and the second gasket.

Claims 18-19 (canceled)